

## CLAIMS

1. A keyboard musical instrument characterized in that a middle part in the longitudinal direction of a keyboard body having a keyboard portion at its one end is swingably held and, at the same time, a base of a hammer body for striking is pivotally attached to the opposite side of said keyboard portion across the holding point of said keyboard body; a beak-like projecting piece is protrudingly provided in a base end of said hammer body, and at the same time, an engaging stepped portion is formed in an escapement member that is always biased toward said beak-like projecting piece of the hammer body; the pivotally attached portion of said hammer body pivots in accordance with a key striking operation of said keyboard portion, and at the same time, said beak-like projecting piece of said hammer body and said engaging stepped portion of said escapement member engage; and said hammer body performs a striking pivotal operation against a sound source body, and that in at least one of said base end of said hammer body and said escapement member, a pushing-out member for pushing out said escapement member to the opposite side with respect to said hammer body in accordance with the striking pivotal operation of said hammer body to let off the beak-like piece of the hammer body from said engaging stepped portion, and at the same time, integrally forms in said escapement member a control means contactably and separably opposing said hammer body in the striking

direction that separates said hammer body from said sound source body and stopping it in the state in which said beak-like projecting piece is let off from said engaging stepped portion.

2. A keyboard musical instrument characterized by comprising a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and at least one of said hammer body and said escapement member is provided with a pushing-out member for pushing out said escapement member to the opposite side with respect to said hammer body to separate said projecting piece of said hammer

body from said engaging stepped portion in accordance with a striking pivotal movement of said hammer body.

3. A keyboard musical instrument characterized by comprising a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and integrally forms in said escapement member a control means separably opposing said hammer body in the striking direction for separating said hammer body from said sound source body and stopping it in the state in which said beak-like projecting piece is let off from said engaging stepped portion.

4. A keyboard musical instrument characterized by comprising a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and a fixed member fixed in a base for holding said keyboard body is provided with a control member separably opposing said hammer body in the striking direction, for abutting said base end, separating said hammer body from said sound source body and stopping it in the state in which said projecting piece is let off from the engaging stepped portion.

5. A keyboard musical instrument characterized by comprising

00704959-0001  
T00000-05070200

a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and a pushing out member for pushing out said escapement member to the opposite side with respect to said hammer body to separate said projecting piece of said hammer body from said engagement portion, is formed in a shape projecting toward said sound source side with respect to an extended line of said arm portion of said hammer body.

6. A keyboard musical instrument characterized by comprising a keyboard body that has a keyboard portion in its one end portion

00701650 022001  
T03220 050T0200

and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and a recessed portion is provided in said sound source body direction side of said engaging stepped portion of said escapement member, an operation block is provided as if getting into said recessed portion in said sound source body direction side of said projection piece of said hammer body, and an elastic member for always biasing said escapement member toward said sound source body direction is provided in the opposite side of the said sound source body direction of said escapement member.

7. A keyboard musical instrument characterized by comprising

09701959 022801  
T03220 05610450

a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and an elastic member for biasing said keyboard body to the opposite side with respect to said sound source body direction is provided.

8. A keyboard musical instrument characterized by comprising a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said

keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and a structure for pivotally fixing said hammer body is provided with holes in said keyboard body and said base of said hammer body respectively, a screw union having a female screw inside is put in said holes, and screw union having a male screw is incorporated from the surface opposite the surface on which said hammer body abuts said keyboard body such that said screw union engages said female screw.

9. A keyboard musical instrument characterized by comprising a keyboard body that has a keyboard portion in its one end portion and is held at the middle part in the longitudinal direction to be made swingable; a hammer body having a hammer portion for striking that is pivotally fixed at its base in the opposite side of said



keyboard portion across the swinging central point of said keyboard body; and an escapement member always biased toward said hammer body, and characterized in that said keyboard musical instrument is provided with a projecting piece in the opposite side of said hammer portion across the pivotal fulcrum of said hammer body; and an engaging stepped portion for engaging said projecting piece that is mounted in said escapement member, and that said keyboard musical instrument is further configured such that said projecting piece of said hammer body and said engaging stepped portion of said escapement member are engaged and said hammer body performs a striking pivotal operation against said sound source body when the pivotal fulcrum of said hammer body pivots in the striking direction by a key striking operation of said keyboard portion, and said escapement member is disposed in said keyboard portion side with respect to said pivotal fulcrum that becomes the fixed portion of said hammer body and said keyboard portion.